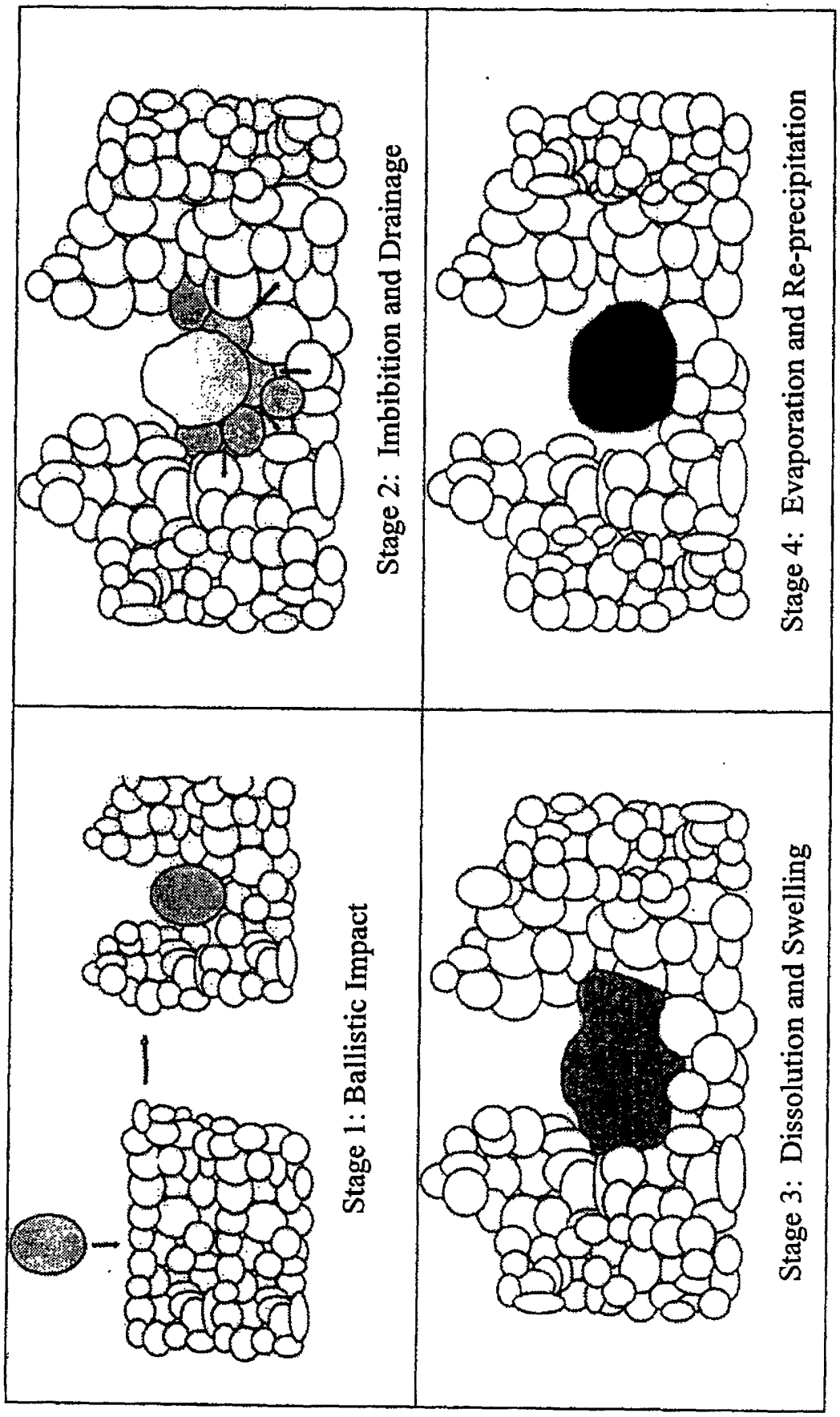

Fig. 1
(Prior Art)

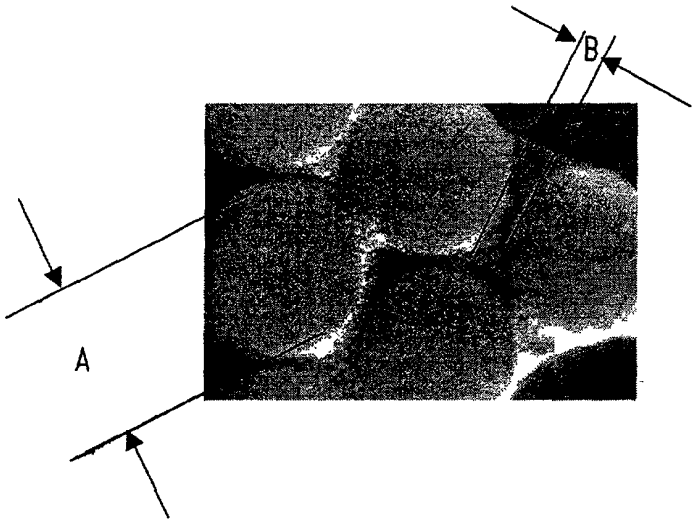

Fig. 2
(Prior Art)

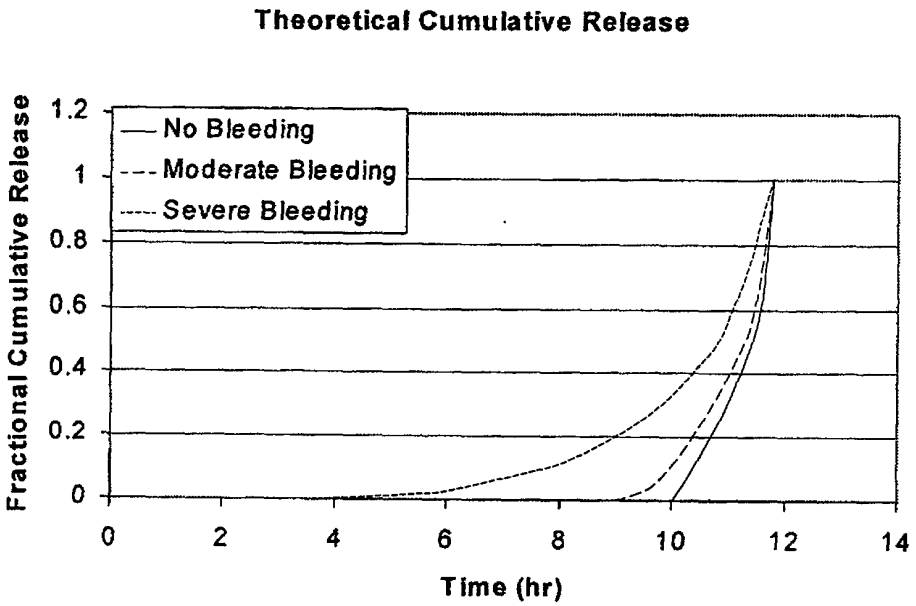

Fig. 3

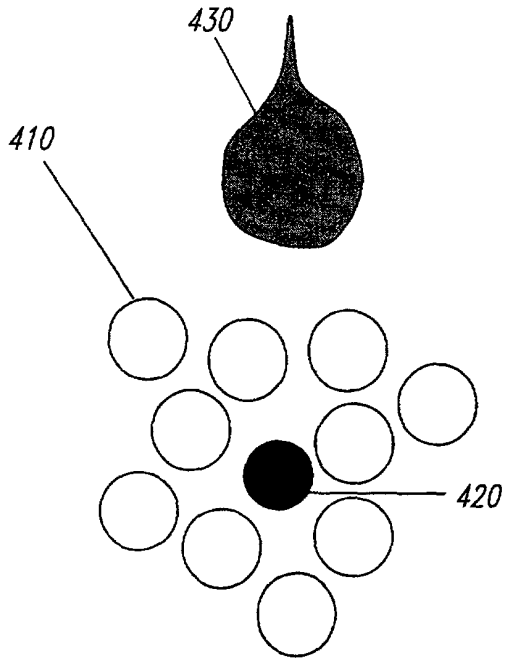

Fig. 4A

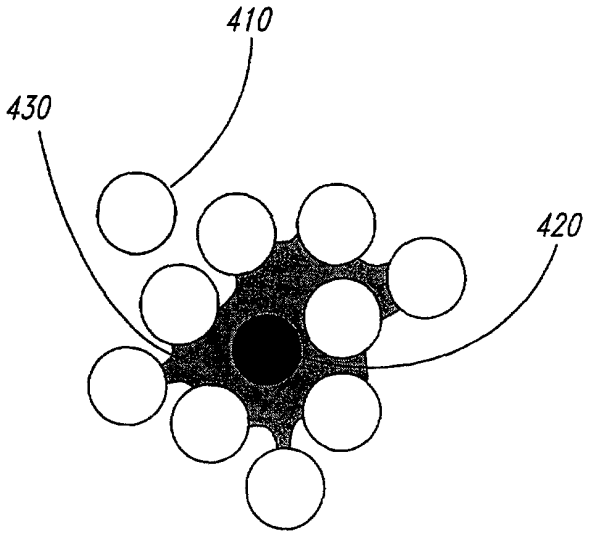

Fig. 4B

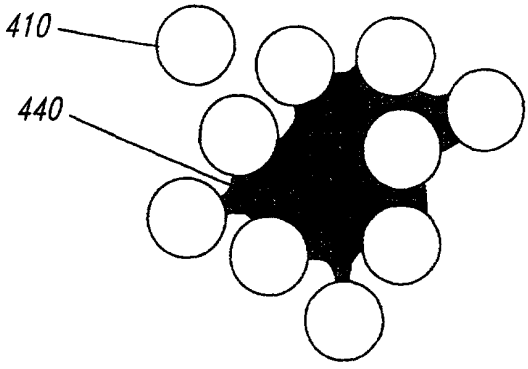

Fig. 4C

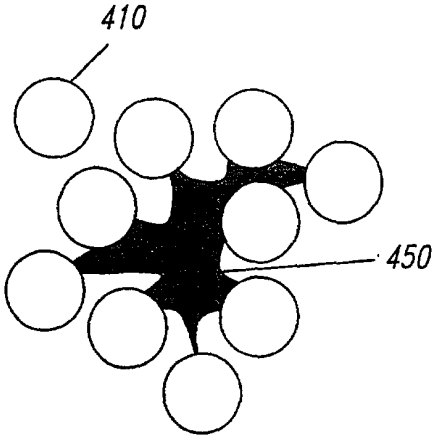

Fig. 4D

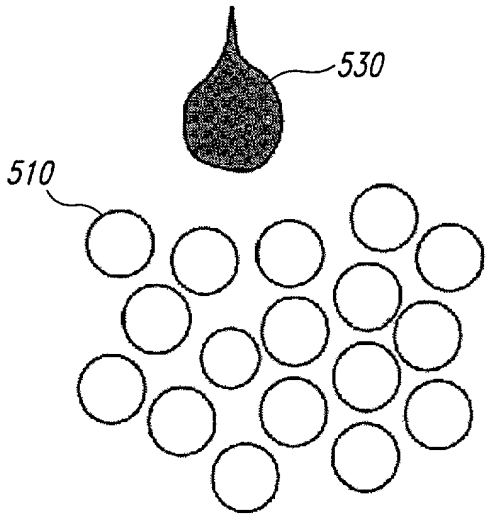

Fig. 5A

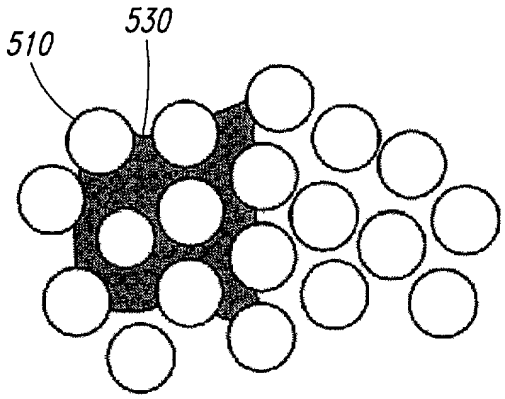

Fig. 5B

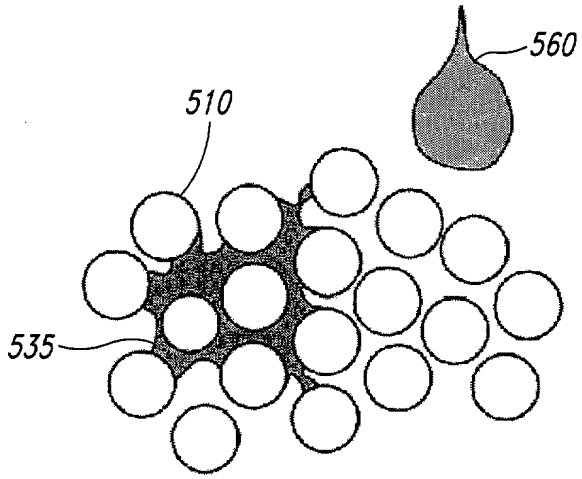

Fig. 5C

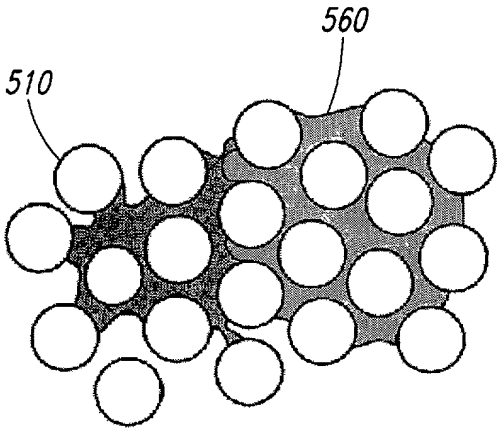

Fig. 5D

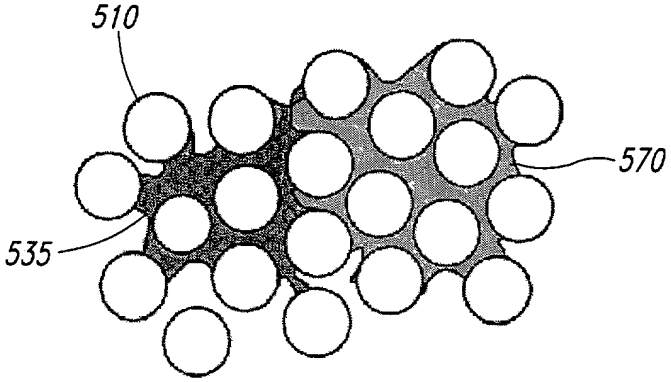

Fig. 5E

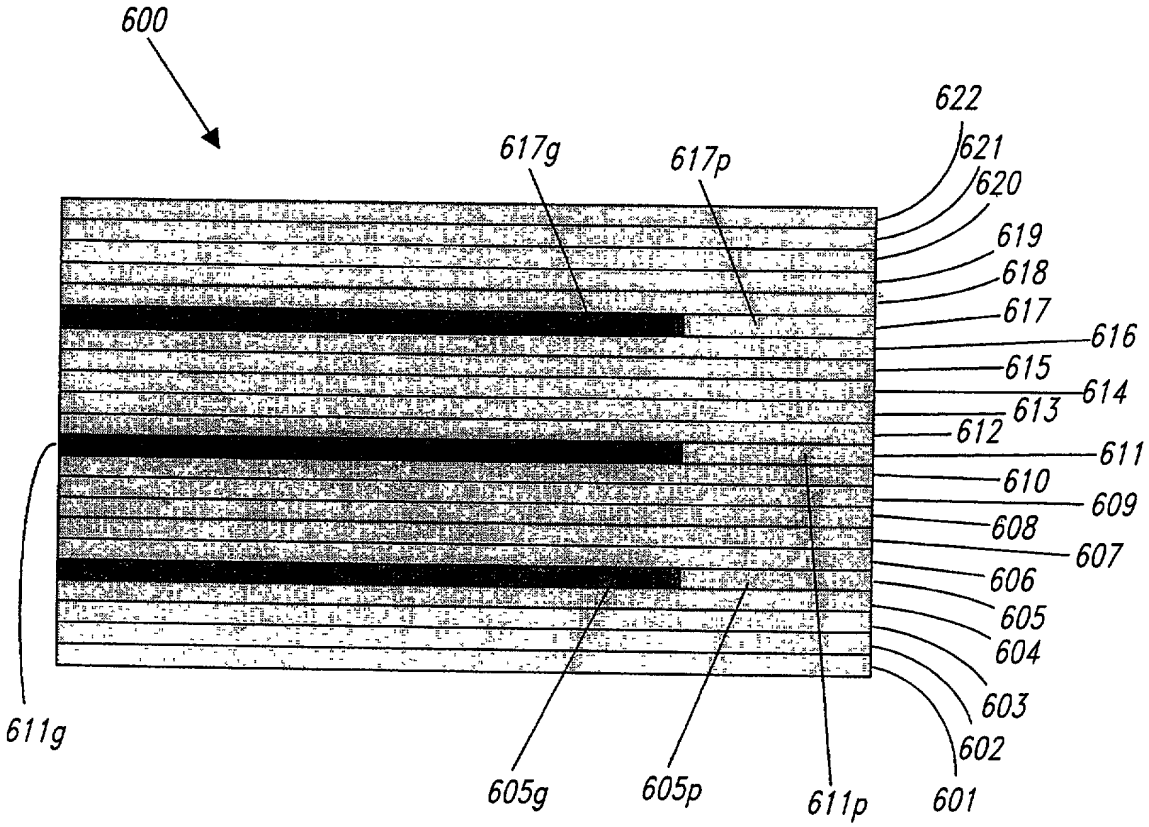
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Fig. 6

Fig. 7A

Fig. 7B

Fig. 7C

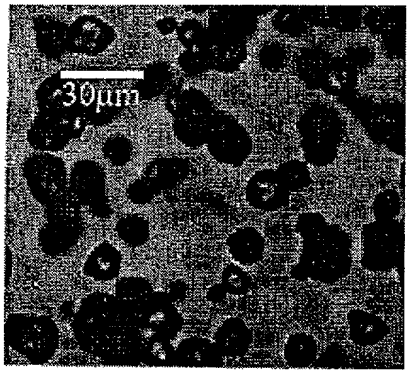


Fig. 8A

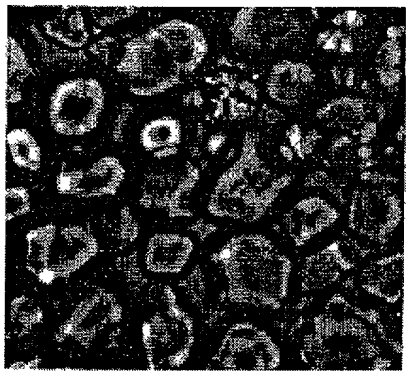
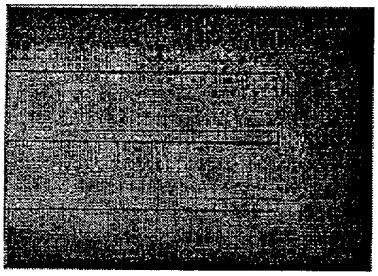
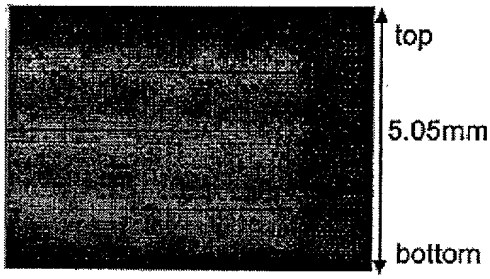


Fig. 8B



Powder: lactose 74 - 106μm
Binder: 35wt% sucrose/DI H_2O
ave. thickness fluorescein layer = 1150μm

Fig. 9A



Powder: 90% lactose/10%Cornstarch
Binder: 35wt% sucrose/DI H_2O
ave. thickness of fluorescein layer = 950μm

Fig. 9B

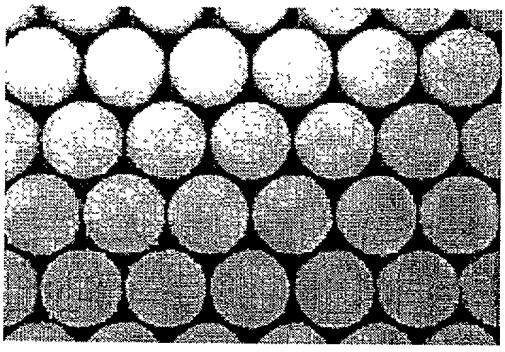


Fig. 10

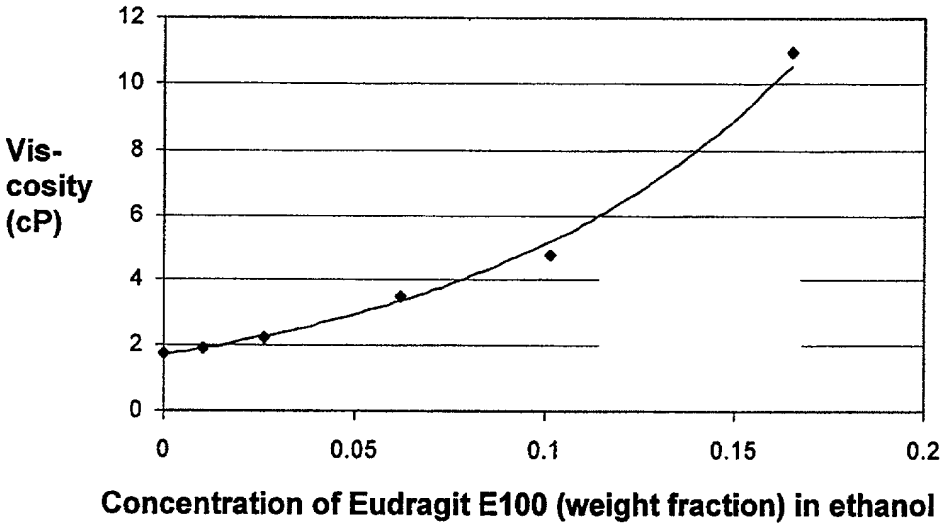
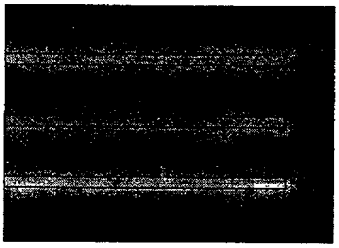


Fig. 11



Powder: lactose 74 - 106μm
Binder: 12wt% E100/Ethanol
ave. thickness fluorescein layer = 550μm

Fig. 12A

Powder: 80% lactose/ 20%E100
Binder: 12wt% E100/Ethanol
ave. thickness fluorescein layer = 440μm

Fig. 12B

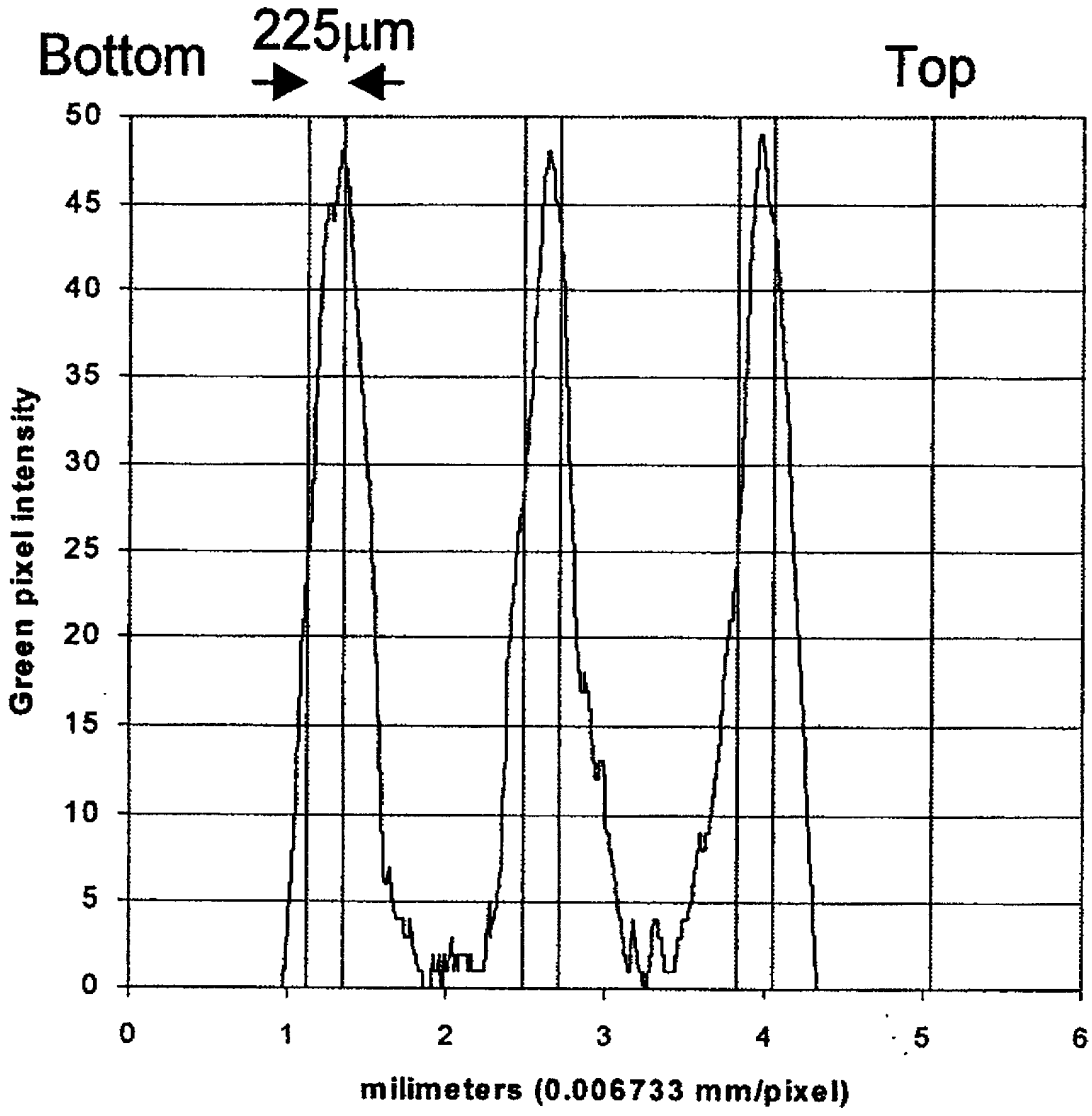

Bottom
225µm
Top
Green pixel intensity
50
45
40
35
30
25
20
15
10
5
0
0
1
2
3
4
5
6
milimeters (0.006733 mm/pixel)

Fig. 13

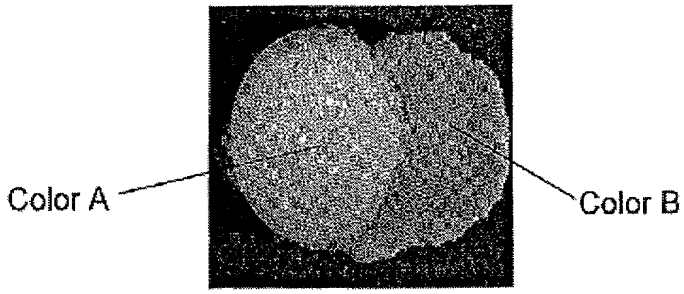


Fig. 14

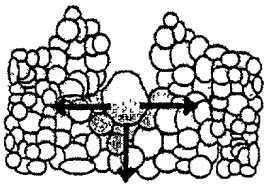


Fig. 15A

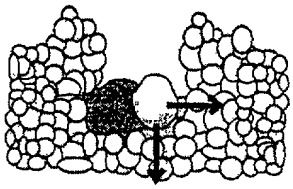


Fig. 15B

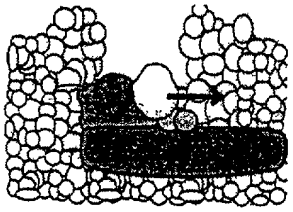


Fig. 15C

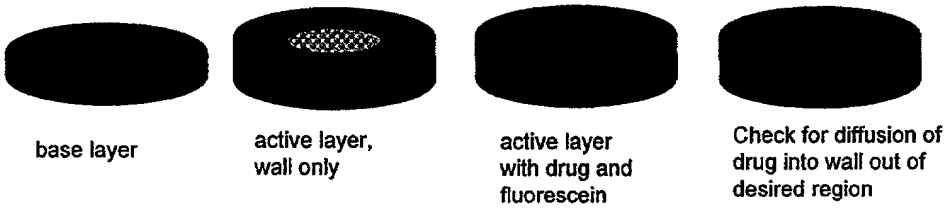


Fig. 16A

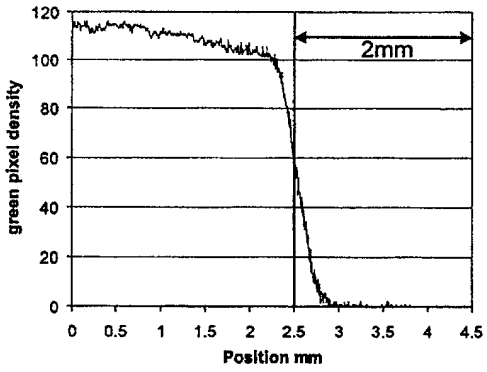


Fig. 16B

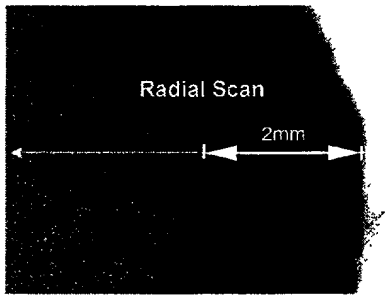


Fig. 16C